

"C" Factor Values for Kansas Crops

Crop: **Corn Grain**

Zone: **89C**

Fall Mulch*

Percent Ground Cover After Planting

| Corn Grain, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Alfalfa | .32 | .28 | .24 | .21 | .18 | .16 | .14 | .12 |
| Corn | .38 | .32 | .28 | .24 | .20 | .17 | .15 | .13 |
| Corn Silage | .59 | .50 | .43 | .36 | .30 | | | |
| Drilled Beans | | | | | | | | |
| Grain Sorghum | .32 | .28 | .24 | .21 | .18 | .15 | .13 | .11 |
| Oats | .43 | .35 | .28 | .23 | .18 | .15 | .12 | .10 |
| Sorghum/Sudan | .48 | .42 | .36 | .31 | .26 | | | |
| Soybeans | .43 | .36 | .31 | .26 | .22 | | | |
| Sunflowers | .37 | .31 | .26 | .22 | .19 | | | |
| Wheat | | | | | | | | |

* First primary tillage operation performed in the fall.

Spring Mulch**

Percent Ground Cover After Planting

| Corn Grain, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Alfalfa | .22 | .20 | .18 | .16 | .14 | .13 | .11 | .10 |
| Corn | .36 | .31 | .27 | .23 | .20 | .17 | .15 | .13 |
| Corn Silage | .61 | .49 | .39 | .31 | .25 | | | |
| Drilled Beans | | | | | | | | |
| Grain Sorghum | .31 | .27 | .23 | .20 | .17 | .15 | .13 | .11 |
| Oats | .40 | .33 | .27 | .22 | .18 | .15 | .12 | .10 |
| Sorghum/Sudan | .49 | .42 | .36 | .31 | .27 | | | |
| Soybeans | .42 | .37 | .32 | .28 | .25 | | | |
| Sunflowers | .35 | .31 | .27 | .23 | .20 | | | |
| Wheat | | | | | | | | |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Corn Grain, After | FP | SP | NT |
|-------------------|-----|-----|-----|
| Corn, Silage | .61 | .62 | .38 |
| Sorghum/Sudan | .50 | .50 | .27 |
| Oats | .50 | .42 | .18 |
| Wheat | .44 | .37 | .11 |
| Alfalfa | .33 | .24 | .05 |
| Corn, dryland | .41 | .39 | .14 |
| Grain Sorghum | .35 | .34 | .12 |
| Soybeans | .45 | .43 | .22 |
| Sunflower | .39 | .39 | .19 |
| Drilled Beans | .38 | .31 | .09 |

FP = Fall Plow

SP = Spring Plow

NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats.

"C" Factor Values for Kansas Crops

Crop: Corn Silage

Zone: 89C

Fall Mulch*

Percent Ground Cover After Planting

| Corn Silage, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Alfalfa | .23 | .19 | .16 | .14 | .11 | .10 | .08 | .07 |
| Corn | .28 | .23 | .19 | .16 | .13 | .11 | .09 | .07 |
| Corn Silage | .51 | .46 | .42 | .39 | .35 | | | |
| Drilled Beans | .32 | .26 | .21 | .17 | .14 | | | |
| Grain Sorghum | .23 | .20 | .16 | .14 | .11 | .10 | .08 | .07 |
| Oats | .34 | .27 | .22 | .17 | .14 | .11 | .09 | .07 |
| Sorghum/Sudan | .39 | .33 | .28 | .24 | .21 | | | |
| Soybeans | .33 | .27 | .21 | .17 | .14 | | | |
| Sunflowers | .28 | .23 | .19 | .15 | .13 | | | |
| Wheat | .29 | .22 | .18 | .14 | .11 | .09 | .07 | .05 |

* First primary tillage operation performed in the fall

Spring Mulch**

Percent Ground Cover After Planting

| Corn Silage, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Alfalfa | .12 | .10 | .09 | .08 | .07 | .06 | .05 | .04 |
| Corn | .26 | .22 | .19 | .16 | .13 | .11 | .09 | .08 |
| Corn Silage | .51 | .48 | .45 | .42 | .39 | | | |
| Drilled Beans | .30 | .25 | .22 | .19 | .16 | | | |
| Grain Sorghum | .22 | .18 | .16 | .13 | .11 | .09 | .08 | .07 |
| Oats | .30 | .25 | .20 | .17 | .14 | .11 | .09 | .08 |
| Sorghum/Sudan | .39 | .34 | .30 | .26 | .23 | | | |
| Soybeans | .31 | .27 | .23 | .20 | .17 | | | |
| Sunflowers | .26 | .22 | .19 | .16 | .14 | | | |
| Wheat | .25 | .20 | .16 | .13 | .11 | .09 | .07 | .06 |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Corn Silage, After | FP | SP | NT |
|--------------------|-----|-----|-----|
| Alfalfa | .20 | .14 | .03 |
| Corn, Silage | .51 | .52 | .35 |
| Corn, dryland | .31 | .29 | .10 |
| Drilled beans | .34 | .33 | .14 |
| Grain Sorghum | .26 | .25 | .07 |
| Oats | .41 | .33 | .14 |
| Sorghum/Sudan | .41 | .40 | .22 |
| Soybeans | .35 | .33 | .16 |
| Sunflowers | .30 | .29 | .13 |
| Wheat | .35 | .28 | .08 |

FP = Fall Plow

SP = Spring Plow

NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats

"C" Factor Values for Kansas Crops

Crop: **Drilled Beans**

Zone: **89C**

Fall Mulch*

Percent Ground Cover After Planting

| Drilled Beans, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Alfalfa | .25 | .20 | .16 | .12 | .10 | .08 | .06 | .05 |
| Corn | .34 | .26 | .21 | .16 | .13 | .10 | .08 | .06 |
| Corn Silage | .60 | .56 | .52 | .48 | .45 | | | |
| Drilled Beans | .38 | .27 | .20 | .14 | .10 | | | |
| Grain Sorghum | .27 | .21 | .17 | .13 | .10 | .08 | .07 | .05 |
| Oats | .38 | .29 | .23 | .18 | .14 | .11 | .08 | .07 |
| Sorghum/Sudan | .46 | .38 | .31 | .25 | .20 | | | |
| Soybeans | | | | | | | | |
| Sunflowers | .33 | .25 | .18 | .13 | .10 | | | |
| Wheat | .33 | .25 | .19 | .14 | .11 | .08 | .06 | .05 |

* First primary tillage operation performed in the fall.

Spring Mulch**

Percent Ground Cover After Planting

| Drilled Beans, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Alfalfa | .22 | .18 | .15 | .13 | .10 | .09 | .07 | .06 |
| Corn | .29 | .24 | .20 | .17 | .14 | .11 | .09 | .08 |
| Corn Silage | .60 | .56 | .53 | .50 | .47 | | | |
| Drilled Beans | .34 | .27 | .21 | .17 | .13 | | | |
| Grain Sorghum | .25 | .20 | .17 | .14 | .11 | .09 | .08 | .06 |
| Oats | .32 | .27 | .22 | .18 | .15 | .13 | .10 | .09 |
| Sorghum/Sudan | .45 | .40 | .35 | .31 | .27 | | | |
| Soybeans | | | | | | | | |
| Sunflowers | .30 | .25 | .21 | .17 | .14 | | | |
| Wheat | .26 | .21 | .17 | .14 | .11 | .09 | .07 | .06 |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Drilled Beans, After | FP | SP | NT |
|----------------------|-----|-----|-----|
| Alfalfa | .28 | .24 | .09 |
| Corn, dryland | .38 | .31 | .09 |
| Corn, Silage | .61 | .60 | .37 |
| Drilled beans | .43 | .35 | .14 |
| Grain Sorghum | .32 | .27 | .07 |
| Oats | .32 | .35 | .14 |
| Sorghum/Sudan | .49 | .46 | .21 |
| Sunflowers | .38 | .32 | .12 |
| Wheat | .42 | .29 | .05 |

FP = Fall Plow

SP = Spring Plow

NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats

"C" Factor Values for Kansas Crops

Crop: Sorghum Silage
Zone: 89C

| Fall Mulch* | Percent Ground Cover After Planting | | | | | | | |
|-----------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Sorghum Silage, After | | | | | | | | |
| Alfalfa | | | | | | | | |
| Corn | .36 | .27 | .21 | .16 | .12 | .09 | .07 | .05 |
| Corn Silage | .67 | .61 | .56 | .51 | .46 | | | |
| Drilled Beans | .45 | .30 | .21 | .14 | .09 | | | |
| Grain Sorghum | .30 | .23 | .18 | .14 | .10 | .08 | .06 | .05 |
| Oats | .41 | .31 | .24 | .18 | .13 | .10 | .08 | .06 |
| Sorghum/Sudan | .54 | .47 | .40 | .35 | .30 | | | |
| Soybeans | .45 | .31 | .21 | .14 | .10 | | | |
| Sunflowers | .36 | .28 | .22 | .17 | .14 | | | |
| Wheat | .29 | .22 | .18 | .14 | .11 | .09 | .07 | .05 |

* First primary tillage operation performed in the fall.

| Spring Mulch** | Percent Ground Cover After Planting | | | | | | | |
|-----------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Sorghum Silage, After | | | | | | | | |
| Alfalfa | | | | | | | | |
| Corn | .33 | .26 | .20 | .16 | .13 | .10 | .08 | .06 |
| Corn Silage | .67 | .61 | .57 | .52 | .48 | | | |
| Drilled Beans | .41 | .31 | .23 | .17 | .13 | | | |
| Grain Sorghum | .27 | .22 | .17 | .14 | .11 | .09 | .07 | .06 |
| Oats | .35 | .28 | .22 | .18 | .14 | .12 | .09 | .08 |
| Sorghum/Sudan | .52 | .46 | .40 | .36 | .31 | | | |
| Soybeans | .41 | .30 | .22 | .16 | .12 | | | |
| Sunflowers | .33 | .27 | .22 | .18 | .15 | | | |
| Wheat | .29 | .23 | .19 | .15 | .12 | .09 | .07 | .06 |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Sorghum Silage, After | FP | SP | NT |
|-----------------------|-----|-----|-----|
| Alfalfa | | | |
| Corn, dryland | .35 | .43 | .16 |
| Corn, Silage | .68 | .68 | .46 |
| Drilled beans | .51 | .47 | .15 |
| Grain Sorghum | .40 | .36 | .12 |
| Oats | .57 | .46 | .19 |
| Sorghum/Sudan | .57 | .55 | .31 |
| Soybeans | .53 | .48 | .18 |
| Sunflowers | .45 | .41 | .18 |
| Wheat | .49 | .39 | .11 |

FP = Fall Plow
SP = Spring Plow
NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats.

"C" Factor Values for Kansas Crops

Crop: Grain Sorghum
Zone: 89C

| Fall Mulch* | | Percent Ground Cover After Planting | | | | | | |
|----------------------|-----|-------------------------------------|-----|-----|-----|-----|-----|-----|
| Grain Sorghum, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Alfalfa | | | | | | | | |
| Corn | .32 | .28 | .24 | .21 | .18 | .15 | .13 | .11 |
| Corn Silage | .66 | .53 | .43 | .34 | .28 | | | |
| Drilled Beans | .45 | .30 | .20 | .13 | .09 | | | |
| Grain Sorghum | .33 | .25 | .20 | .15 | .12 | .09 | .07 | .06 |
| Oats | .43 | .32 | .25 | .19 | .15 | .11 | .08 | .06 |
| Sorghum/Sudan | .55 | .45 | .36 | .29 | .23 | | | |
| Soybeans | .46 | .33 | .23 | .17 | .12 | | | |
| Sunflowers | .40 | .28 | .20 | .14 | .10 | | | |
| Wheat | .36 | .27 | .21 | .16 | .12 | .09 | .07 | .06 |

* First primary tillage operation performed in the fall.

| Spring Mulch** | | Percent Ground Cover After Planting | | | | | | |
|----------------------|-----|-------------------------------------|-----|-----|-----|-----|-----|-----|
| Grain Sorghum, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Alfalfa | | | | | | | | |
| Corn | .34 | .27 | .22 | .18 | .14 | .11 | .09 | .07 |
| Corn Silage | .66 | .54 | .44 | .37 | .30 | | | |
| Drilled Beans | .41 | .30 | .23 | .17 | .12 | | | |
| Grain Sorghum | .29 | .23 | .19 | .15 | .12 | .10 | .08 | .07 |
| Oats | .37 | .29 | .23 | .19 | .15 | .12 | .10 | .08 |
| Sorghum/Sudan | .55 | .42 | .33 | .25 | .19 | | | |
| Soybeans | .44 | .32 | .23 | .17 | .12 | | | |
| Sunflowers | .37 | .28 | .22 | .16 | .13 | | | |
| Wheat | .30 | .24 | .19 | .15 | .12 | .10 | .08 | .06 |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Grain Sorghum, After | FP | SP | NT |
|----------------------|-----|-----|-----|
| Alfalfa | | | |
| Corn, dryland | .46 | .42 | .14 |
| Corn, Silage | .67 | .66 | .41 |
| Drilled beans | .51 | .46 | .20 |
| Grain Sorghum | .40 | .36 | .11 |
| Oats | .56 | .46 | .18 |
| Sorghum/Sudan | .56 | .54 | .29 |
| Soybeans | .52 | .48 | .22 |
| Sunflowers | .45 | .41 | .19 |
| Wheat | .50 | .40 | .11 |

FP = Fall Plow
SP = Spring Plow
NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats.

"C" Factor Values for Kansas Crops

Crop: Oats

Zone: 89C

| Fall Mulch* | Percent Ground Cover After Planting | | | | | | | |
|---------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Oats, After | | | | | | | | |
| Alfalfa | | | | | | | | |
| Corn | .12 | .09 | .08 | .06 | .05 | .04 | .03 | .03 |
| Corn Silage | .30 | .20 | .14 | .09 | .06 | | | |
| Drilled Beans | .13 | .10 | .08 | .07 | .05 | | | |
| Grain Sorghum | .09 | .08 | .06 | .05 | .04 | .03 | .03 | .02 |
| Oats | .19 | .14 | .11 | .09 | .07 | .05 | .04 | .03 |
| Sorghum/Sudan | .22 | .16 | .12 | .09 | .07 | | | |
| Soybeans | .14 | .11 | .08 | .07 | .05 | | | |
| Sunflowers | .11 | .09 | .08 | .06 | .05 | | | |
| Wheat | .15 | .12 | .09 | .07 | .06 | .04 | .03 | .03 |

* First primary tillage operation performed in the fall.

| Spring Mulch** | Percent Ground Cover After Planting | | | | | | | |
|----------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Oats, After | | | | | | | | |
| Alfalfa | | | | | | | | |
| Corn | .10 | .09 | .07 | .06 | .05 | .04 | .03 | .03 |
| Corn Silage | .28 | .21 | .15 | .11 | .08 | | | |
| Drilled Beans | .12 | .10 | .09 | .07 | .06 | | | |
| Grain Sorghum | .08 | .07 | .06 | .05 | .04 | .03 | .03 | .02 |
| Oats | .14 | .11 | .10 | .08 | .07 | .06 | .05 | .04 |
| Sorghum/Sudan | .21 | .16 | .13 | .10 | .08 | | | |
| Soybeans | .13 | .11 | .09 | .08 | .06 | | | |
| Sunflowers | .10 | .09 | .07 | .06 | .05 | | | |
| Wheat | .11 | .09 | .07 | .06 | .05 | .04 | .03 | .03 |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Oats, After | FP | SP | NT |
|---------------|-----|-----|-----|
| Alfalfa | | | |
| Corn, dryland | .13 | .11 | .04 |
| Corn, Silage | .30 | .30 | .18 |
| Drilled beans | .13 | .13 | .06 |
| Grain Sorghum | .11 | .09 | .02 |
| Oats | .29 | .15 | .07 |
| Sorghum/Sudan | .21 | .20 | .10 |
| Soybeans | .15 | .13 | .07 |
| Sunflowers | .13 | .12 | .05 |
| Wheat | .24 | .12 | .04 |

FP = Fall Plow

SP = Spring Plow

NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats

"C" Factor Values for Kansas Crops

Crop: Soybeans
Zone: 89C

| Fall Mulch* | Percent Ground Cover After Planting | | | | | | | |
|------------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Soybeans, After | | | | | | | | |
| Alfalfa | .32 | .25 | .20 | .16 | .13 | .10 | .08 | .07 |
| Com | .40 | .32 | .26 | .20 | .16 | .13 | .10 | .08 |
| Corn Silage | .68 | .63 | .59 | .55 | .51 | | | |
| Drilled Beans | | | | | | | | |
| Grain Sorghum | .35 | .28 | .22 | .17 | .14 | .11 | .08 | .07 |
| Oats | .47 | .36 | .28 | .21 | .16 | .13 | .10 | .08 |
| Sorghum/Sudan | .57 | .49 | .43 | .37 | .32 | | | |
| Soybeans | .49 | .36 | .26 | .19 | .14 | | | |
| Sunflowers | .42 | .31 | .23 | .17 | .13 | | | |
| Wheat | .40 | .31 | .23 | .18 | .14 | .10 | .08 | .06 |

* First primary tillage operation performed in the fall.

| Spring Mulch** | Percent Ground Cover After Planting | | | | | | | |
|------------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Soybeans, After | | | | | | | | |
| Alfalfa | .28 | .24 | .20 | .17 | .14 | .12 | .10 | .08 |
| Com | .36 | .30 | .25 | .21 | .17 | .14 | .12 | .10 |
| Corn Silage | .67 | .64 | .60 | .57 | .54 | | | |
| Drilled Beans | | | | | | | | |
| Grain Sorghum | .31 | .25 | .21 | .17 | .14 | .12 | .10 | .08 |
| Oats | .39 | .32 | .26 | .22 | .18 | .15 | .12 | .10 |
| Sorghum/Sudan | .56 | .51 | .47 | .43 | .39 | | | |
| Soybeans | .43 | .36 | .31 | .26 | .21 | | | |
| Sunflowers | .37 | .31 | .26 | .22 | .18 | | | |
| Wheat | .32 | .26 | .21 | .17 | .14 | .11 | .09 | .07 |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Soybeans, After | FP | SP | NT |
|-----------------|-----|-----|-----|
| Alfalfa | .34 | .29 | .11 |
| Com, dryland | .46 | .38 | .12 |
| Corn, Silage | .69 | .67 | .42 |
| Grain Sorghum | .40 | .33 | .09 |
| Oats | .57 | .42 | .17 |
| Sorghum/Sudan | .57 | .53 | .25 |
| Soybeans | .53 | .45 | .18 |
| | .45 | .44 | .15 |
| | .49 | .35 | .09 |
| | .50 | .40 | .11 |

FP = Fall Plow
SP = Spring Plow
NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats.

"C" Factor Values for Kansas Crops

Crop: **Sunflowers**

Zone: **89C**

Fall Mulch*

Percent Ground Cover After Planting

| Sunflowers, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Alfalfa | .31 | .25 | .20 | .17 | .13 | .11 | .09 | .07 |
| Corn | .38 | .30 | .24 | .19 | .15 | .12 | .09 | .07 |
| Corn Silage | .66 | .60 | .54 | .50 | .45 | | | |
| Drilled Beans | .44 | .31 | .21 | .14 | .10 | | | |
| Grain Sorghum | .33 | .26 | .20 | .16 | .13 | .10 | .08 | .06 |
| Oats | .43 | .33 | .26 | .20 | .15 | .12 | .09 | .07 |
| Sorghum/Sudan | .55 | .46 | .38 | .31 | .26 | | | |
| Soybeans | .47 | .34 | .25 | .18 | .13 | | | |
| Sunflowers | .39 | .29 | .21 | .15 | .11 | | | |
| Wheat | .36 | .28 | .22 | .17 | .13 | .10 | .08 | .06 |

* First primary tillage operation performed in the fall.

Spring Mulch**

Percent Ground Cover After Planting

| Sunflowers, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Alfalfa | | | | | | | | |
| Corn | .33 | .28 | .23 | .19 | .16 | .13 | .11 | .09 |
| Corn Silage | .65 | .59 | .54 | .49 | .45 | | | |
| Drilled Beans | .39 | .32 | .26 | .21 | .17 | | | |
| Grain Sorghum | .28 | .24 | .20 | .16 | .14 | .11 | .10 | .08 |
| Oats | .36 | .30 | .24 | .20 | .16 | .13 | .11 | .09 |
| Sorghum/Sudan | .54 | .46 | .39 | .33 | .28 | | | |
| Soybeans | .41 | .34 | .28 | .23 | .19 | | | |
| Sunflowers | .35 | .29 | .24 | .20 | .16 | | | |
| Wheat | .29 | .24 | .19 | .16 | .13 | .10 | .08 | .07 |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Sunflowers, After | FP | SP | NT |
|-------------------|------------|------------|------------|
| Alfalfa | | | |
| Corn, dryland | .39 | .33 | .15 |
| Corn, Silage | .67 | .66 | .43 |
| Drilled beans | .50 | .42 | .20 |
| Grain Sorghum | .39 | .33 | .12 |
| Oats | .56 | .41 | .19 |
| Sorghum/Sudan | .56 | .52 | .29 |
| Soybeans | .51 | .44 | .23 |
| Sunflowers | .44 | .38 | .20 |
| Wheat | .49 | .35 | .12 |

FP = Fall Plow

SP = Spring Plow

NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats.

"C" Factor Values for Kansas Crops

Crop: Winter Wheat

Zone: 89C

| Fall Mulch* | Percent Ground Cover After Planting | | | | | | | |
|---------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Winter Wheat, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Alfalfa | | | | | | | | |
| Corn | .09 | .07 | .06 | .05 | .04 | .03 | .03 | .02 |
| Corn Silage | | | | | | | | |
| Drilled Beans | .11 | .09 | .08 | .06 | .05 | | | |
| Grain Sorghum | .08 | .07 | .05 | .05 | .04 | .03 | .03 | .02 |
| Oats | | | | | | | | |
| Sorghum/Sudan | | | | | | | | |
| Soybeans | .11 | .09 | .08 | .07 | .05 | | | |
| Sunflowers | .09 | .07 | .06 | .05 | .04 | | | |
| Wheat | | | | | | | | |

* First primary tillage operation performed in the fall.

| Spring Mulch** | Percent Ground Cover After Planting | | | | | | | |
|---------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Winter Wheat, After | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Alfalfa | .07 | .06 | .05 | .05 | .04 | .03 | .03 | .02 |
| Corn | .22 | .17 | .13 | .10 | .08 | | | |
| Corn Silage | | | | | | | | |
| Drilled Beans | | | | | | | | |
| Grain Sorghum | .16 | .13 | .10 | .08 | .06 | | | |
| Oats | .16 | .12 | .10 | .08 | .06 | .05 | .04 | .03 |
| Sorghum/Sudan | | | | | | | | |
| Soybeans | | | | | | | | |
| Sunflowers | | | | | | | | |
| Wheat | .17 | .13 | .10 | .07 | .06 | .04 | .03 | .02 |

**First primary tillage operation performed in the spring.

Other Tillage Types

| Winter Wheat, After | FP | SP | NT |
|---------------------|-----|-----|-----|
| Alfalfa | .08 | | .03 |
| Corn, Silage | .22 | .22 | .11 |
| Corn, dryland | .10 | .10 | .02 |
| Drilled beans | .11 | .11 | .02 |
| Grain Sorghum | .10 | .10 | .02 |
| Oats | .18 | .19 | .05 |
| Sorghum/Sudan | .17 | .17 | .05 |
| Soybeans | .11 | .12 | .03 |
| Sunflowers | .11 | .11 | .03 |
| Wheat | .26 | | .01 |

FP = Fall Plow
 SP = Spring Plow
 NT = No-till

Table provides cover factor ("C") for crop to be planted into selected residue levels of the prior crop, i.e. corn silage after oats.