TABLE 3

RIDGE ROUGHNESS "K" FACTOR

Angle of Deviation 1/ = 0°

Ridge Spacing (Inches)	Ridge Height (Inches) 0	1	2	3	4	5	6	7	8	9	10	11
7	1.0	0.7	0.5	0.5	---	---	---	---	---	---	---	---
10	1.0	0.8	0.5	0.5	0.6	---	---	---	---	---	---	---
14	1.0	0.8	0.6	0.5	0.5	0.6	---	---	---	---	---	---
18	1.0	0.9	0.6	0.5	0.5	0.5	0.7	---	---	---	---	---
20	1.0	0.9	0.6	0.5	0.5	0.5	0.6	0.8	0.8	---	---	---
24	1.0	0.9	0.7	0.5	0.5	0.5	0.5	0.7	0.8	0.8	---	---
30	1.0	0.9	0.7	0.6	0.5	0.5	0.5	0.6	0.7	0.8	---	---
36	1.0	0.9	0.8	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.8	---
38	1.0	0.9	0.8	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.8	---
40	1.0	0.9	0.8	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.8

TABLE 3

RIDGE ROUGHNESS "K" FACTOR

Angle of Deviation 1/ = 22.5°

Ridge Spacing (Inches)	Ridge Height (Inches) 0	1	2	3	4	5	6	7	8	9	10	11
7	1.0	.07	.05	.05	---	---	---	---	---	---	---	---
10	1.0	0.8	0.6	0.5	0.5	---	---	---	---	---	---	---
14	1.0	0.8	0.6	0.5	0.5	0.6	---	---	---	---	---	---
18	1.0	0.9	0.6	0.5	0.5	0.5	0.6	---	---	---	---	---
20	1.0	0.9	0.7	0.5	0.5	0.5	0.6	0.7	0.8	---	---	---
24	1.0	0.9	0.7	0.6	0.5	0.5	0.5	0.6	0.8	0.8	---	---
30	1.0	0.9	0.7	0.6	0.5	0.5	0.5	0.5	0.7	0.8	---	---
36	1.0	0.9	0.8	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.8	---
38	1.0	1.0	0.8	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.8	---
40	1.0	1.0	0.8	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.8

1/ The angle between the prevailing wind erosion direction and a line perpendicular to ridge direction.

TABLE 3

RIDGE ROUGHNESS "K" FACTOR

Angle of Deviation 1/ = 45°

Ridge Spacing (Inches)	Ridge Height (Inches) 0	1	2	3	4	5	6	7	8	9	10	11
7	1.0	0.8	0.5	0.5	---	---	---	---	---	---	---	---
10	1.0	0.8	0.6	0.5	0.5	---	---	---	---	---	---	---
14	1.0	0.9	0.6	0.5	0.5	0.5	---	---	---	---	---	---
18	1.0	0.9	0.7	0.6	0.5	0.5	0.5	---	---	---	---	---
20	1.0	0.9	0.7	0.6	0.5	0.5	0.5	0.6	0.7	---	---	---
24	1.0	0.9	0.8	0.6	0.5	0.5	0.5	0.5	0.6	0.8	---	---
30	1.0	1.0	0.8	0.6	0.5	0.5	0.5	0.5	0.5	0.6	---	---
36	1.0	1.0	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.6	0.6	---
38	1.0	1.0	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.6	---
40	1.0	1.0	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7

TABLE 3

RIDGE ROUGHNESS "K" FACTOR

Angle of Deviation 1/ = 67.5°

Ridge Spacing (Inches)	Ridge Height (Inches) 0	1	2	3	4	5	6	7	8	9	10	11
7	1.0	0.9	0.6	0.5	---	---	---	---	---	---	---	---
10	1.0	0.9	0.7	0.6	0.5	---	---	---	---	---	---	---
14	1.0	0.9	0.8	0.6	0.6	0.5	---	---	---	---	---	---
18	1.0	1.0	0.8	0.7	0.6	0.5	0.5	---	---	---	---	---
20	1.0	1.0	0.8	0.7	0.6	0.5	0.5	0.5	0.5	---	---	---
24	1.0	1.0	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.5	---	---
30	1.0	1.0	0.9	0.8	0.6	0.6	0.5	0.5	0.5	0.5	---	---
36	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.5	---
38	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.5	---
40	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5

1/ The angle between the prevailing wind erosion direction and a line perpendicular to ridge direction.

TABLE 3

RIDGE ROUGHNESS "K" FACTOR

Angle of Deviation 1/ = 90°

Ridge Spacing (Inches)	Ridge Height (Inches) 0	1	2	3	4	5	6	7	8	9	10	11
Soil ridge roughness, "K" Factor, is always 1.0 when prevailing wind direction is parallel to ridge pattern (angle of deviation = 90°).												