

Kamuela Field Office  
 Index by Soil

Crop: Sugarcane

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Treatment Unit					
Soil Symbol	Number	Slope Range	Topo- graphy	Outlet Condition	Code
=====					
AkC	S1	<10%	Uniform	With	10U001
AkC	S2	<10%	Uniform	Without	10UN01
AkD	S3	10-20%	Uniform	With	20U001
AkD	S4	10-20%	Complex	With	20C001
AkD	S5	10-20%	Complex	Without	20CN01
HoC	S1	<10%	Uniform	With	10U001
HoC	S2	<10%	Uniform	Without	10UN01
HoD	S3	10-20%	Uniform	With	20U001
HoD	S4	10-20%	Complex	With	20C001
HoD	S5	10-20%	Complex	Without	20CN01
HoE	S6	>20%	Complex	Without	30CN01
HsC	S1	<10%	Uniform	With	10U001
HsC	S2	<10%	Uniform	Without	10UN01
HsD	S3	10-20%	Uniform	With	20U001
HsD	S4	10-20%	Complex	With	20C001
HsD	S5	10-20%	Complex	Without	20CN01
HsE	S6	>20%	Complex	Without	30CN01
HTD	S3	10-20%	Uniform	With	20U001
HTD	S4	10-20%	Complex	With	20C001
HTD	S5	10-20%	Complex	Without	20CN01
KaC	S1	<10%	Uniform	With	10U001
KaC	S2	<10%	Uniform	Without	10UN01
KaD	S3	10-20%	Uniform	With	20U001
KaD	S4	10-20%	Complex	With	20C001
KaD	S5	10-20%	Complex	Without	20CN01
KaE	S6	>20%	Complex	Without	30CN01
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Kamuela Field Office  
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Crop: Sugarcane

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Treatment Unit					
Soil Symbol	Number	Slope Range	Topo- graphy	Outlet Condition	Code
=====					
KuC	S1	<10%	Uniform	With	10U001
KuC	S2	<10%	Uniform	Without	10UN01
KuC	S3	10-20%	Uniform	With	20U001
KuC	S4	10-20%	Complex	With	20C001
KuC	S5	10-20%	Complex	Without	20CN01
KuD	S3	10-20%	Uniform	With	20U001
KuD	S4	10-20%	Complex	With	20C001
KuD	S5	10-20%	Complex	Without	20CN01
KuE	S6	>20%	Complex	Without	30CN01
KwD	S3	10-20%	Uniform	With	20U001
KwD	S4	10-20%	Complex	With	20C001
KwD	S5	10-20%	Complex	Without	20CN01
OoC	S1	<10%	Uniform	With	10U001
OoC	S2	<10%	Uniform	Without	10UN01
OoC	S3	10-20%	Uniform	With	20U001
OoC	S4	10-20%	Complex	With	20C001
OoC	S5	10-20%	Complex	Without	20CN01
OoD	S3	10-20%	Uniform	With	20U001
OoD	S4	10-20%	Complex	With	20C001
OoD	S5	10-20%	Complex	Without	20CN01
OoE	S6	>20%	Complex	Without	30CN01
PaC	S1	<10%	Uniform	With	10U001
PaC	S2	<10%	Uniform	Without	10UN01
PaC	S3	10-20%	Uniform	With	20U001
PaC	S4	10-20%	Complex	With	20C001
PaC	S5	10-20%	Complex	Without	20CN01
PaD	S3	10-20%	Uniform	With	20U001
PaD	S4	10-20%	Complex	With	20C001
PaD	S5	10-20%	Complex	Without	20CN01
PaE	S6	>20%	Complex	Without	30CN01
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Practice and Combination Code List - Sugarcane  
 All Field Offices, State of Hawaii and Pacific Basin, Except Pahala  
 12/1/88

Practice Code	Practice Name - P/T*	Comb. Code	Includes Practices	Comb. Code	Includes Practices
1	Cross Slope Farming - T	41	5, 6	60	10, 18
	<del>Cross Slope Stock Farming - T</del>				
3	Contour Farming - P	42	5, 7	61	5, 6, 7
4	Contour Farming (with Furrows) - P				
5	Crop Residue Use - P	43	5, 8	62	5, 6, 8
6	Precision Till - T				
7	Scheduled Harvesting - T	44	5, 17	63	5, 7, 8
8	Volunteer Cover Crop - T				
9	Cover and Green Manure Crop - P**	45	5, 18	64	5, 7, 17
10	Mulching - P				
11	(Not Assigned)	46	6, 7	65	5, 7, 18
12	Conservation Cropping Sequence - P				
13	(Not Assigned)	47	6, 8	66	5, 8, 17
14	Contour Farming (with Raised Beds) - P				
15	Strip Till - T	48	6, 9	67	5, 8, 18
16	No Till - T				
17	Chiseling and Subsoiling (Chiseling) - P	49	6, 10	68	6, 7, 8
18	Chiseling and Subsoiling (Deep Plowing) - P				
19	(Not Assigned)	50	7, 8	69	6, 7, 9
20	Grassed Waterway - P				
21	Watercourse - T	51	7, 9	70	7, 8, 17
22	Diversion - P				
23	Diversion (for Outside Water) - P	52	7, 10	71	7, 8, 18
24	Terrace (Gradient) - P				
25	Access Road - P	53	7, 17	72	7, 9, 17
26	Grade Stabilization Structure - P				
27	Vertical Drain and Sediment Basin - P	54	7, 18	73	7, 9, 18
28	Hillside Ditch - P				
29	Terrace (Gradient 100' Spacing) - P	55	8, 17	74	7, 10, 17
30	(Not Assigned)				
31	Terrace (Level) - P	56	8, 18	75	7, 10, 18
32	Field Windbreak - P				
33	Lined Waterway or Outlet - P	57	9, 17	76	5, 6, 7, 8
34	Terrace (Bench) - P				
35	Permanent Vegetative Cover - P	58	9, 18	77	5, 7, 8, 17
		59	10, 17	78	5, 7, 8, 18

\* P = Practice covered by existing Standards and Specifications.  
 T = Treatment not covered by existing Standards and Specifications.

\*\*Cover and Green Manure Crop supplement  
 "Cover Crop for Sugarcane" (Code 9)  
 May be substituted for Scheduled  
 Harvesting (Code 7). See Hawaii  
 Bulletin No. HI 180-1-12.

ALTERNATIVE CONSERVATION SYSTEMS  
FOR  
FOOD SECURITY ACT PLANNING

HAWAII  
Section III  
FOTG  
2/89

Field Office: KAMUELA - SUGAR CANE

Treatment Unit: S1 - 10U001, <10% Uniform Slopes With Outlet  
Soils: AkC, HoC, HsC, KaC, KuC, OoC, PaC

ACS #: Practice and Combination Codes

21: 1, 53  
33: 2, 6  
35: 2, 8  
36: 2, 9  
81: 1, 24  
85: 1, 23, 24  
86: 1, 23, 25  
91: 2, 23  
93: 2, 25  
136: 8, 24  
140: 8, 23, 24  
142: 8, 24, 25  
169: 18, 24  
173: 18, 23, 24  
175: 18, 24, 25  
0: 35 - Permanent Vegetative Cover  
00: Any combination of practices that reduces erosion rates  
to the STC's acceptable level

ALTERNATIVE CONSERVATION SYSTEMS  
FOR  
FOOD SECURITY ACT PLANNING

HAWAII  
Section III  
FOTG  
2/89

Field Office: KAMUELA - SUGAR CANE

Treatment Unit: S2 - 10UN01, <10% Uniform Slopes Without Outlet  
Soils: AkC, HoC, HsC, KaC, KuC, OoC, PaC

ACS #: Practice and Combination Codes

21: 1, 53  
~~33: 2, 6~~  
~~35: 2, 8~~  
~~36: 2, 9~~  
~~37: 2, 17~~  
~~96: 2, 18~~  
~~94: 2, 25~~  
~~95: 2, 23, 25~~  
207: 1, 6, 23, 25  
304: 1, 47, 25  
318: 1, 48, 25  
0: 35 - Permanent Vegetative Cover  
00: Any combination of practices that reduces erosion rates  
to the STC's acceptable level

ALTERNATIVE CONSERVATION SYSTEMS  
FOR  
FOOD SECURITY ACT PLANNING

HAWAII  
Section III  
FOTG  
2/89

Field Office: KAMUELA - SUGAR CANE

Treatment Unit: S3 - 20U001, 10-20% Uniform Slopes With Outlet  
Soils: AKD, HoD, HsD, HTD, KaD, KuC, KuD, KwD, OoC, OoD, PaC, PaD

ACS #: Practice and Combination Codes

21: 1, 53  
40: ~~2, 47~~  
41: ~~2, 48~~  
81: 1, 24  
85: 1, 23, 24  
87: 1, 24, 25  
140: 8, 23, 24  
142: 8, 24, 25  
147: 9, 24  
182: 1, 6, 22, 23  
183: 1, 6, 22, 25  
220: 1, 9, 22, 23, 25  
231: 1, 17, 22, 23, 25  
242: 1, 18, 22, 23, 25  
255: 1, 47, 22  
262: 1, 47, 23, 25  
266: 1, 48, 22  
273: 1, 48, 23, 25  
336: 1, 56, 22, 23  
432: ~~2, 6, 23~~  
434: ~~2, 6, 25~~  
460: ~~2, 8, 23, 25~~  
0: 35 - Permanent Vegetative Cover  
00: Any combination of practices that reduces erosion rates  
to the STC's acceptable level

ALTERNATIVE CONSERVATION SYSTEMS  
FOR  
FOOD SECURITY ACT PLANNING

HAWAII  
Section III  
FOTG  
2/89

Field Office: KAMUELA - SUGAR CANE

Treatment Unit: S4 - 20CO01, 10-20% Complex Slopes With Outlet  
Soils: AkD, HoD, HsD, HTD, KaD, KuC, KuD, KwD, OoC, OoD, PaC, PaD

ACS #: Practice and Combination Codes

21: 1, 53

~~40: 2, 47~~

~~41: 2, 48~~

81: 1, 24

85: 1, 23, 24

87: 1, 24, 25

136: 8, 24

140: 8, 23, 24

142: 8, 24, 25

147: 9, 24

151: 9, 23, 24

153: 9, 24, 25

169: 18, 24

173: 18, 23, 24

175: 18, 24, 25

259: 1, 47, 22, 23

260: 1, 47, 22, 25

262: 1, 47, 23, 25

270: 1, 48, 22, 23

271: 1, 48, 22, 25

273: 1, 48, 23, 25

330: 1, 55, 22, 23, 25

~~460: 2, 8, 23, 25~~

0: 35 - Permanent Vegetative Cover

00: Any combination of practices that reduces erosion rates  
to the STC's acceptable level

ALTERNATIVE CONSERVATION SYSTEMS  
FOR  
FOOD SECURITY ACT PLANNING

HAWAII  
Section III  
FOTG  
2/89

Field Office: KAMUELA - SUGAR CANE

Treatment Unit: S5 - 20CN01, 10-20% Complex Slopes Without Outlet  
Soils: AkD, HoD, HsD, HTD, KaD, KuC, KuD, KwD, OoC, OoD, PaC, PaD

ACS #: Practice and Combination Codes

21: 1, 53  
~~40: 2, 47~~  
~~41: 2, 48~~  
92: 1, 21, 22, 23, 25  
132: 6, 21, 22, 23  
182: 9, 21, 22, 23, 25  
221: 1, 6, 21, 25  
252: 1, 8, 21, 22, 23  
253: 1, 8, 21, 22, 25  
322: 1, 47, 23, 25  
323: 1, 47, 21, 22  
337: 1, 48, 23, 25  
420: 1, 55, 21, 23, 25  
435: 1, 56, 21, 23, 25  
~~562: 2, 6, 23, 25~~  
~~593: 2, 8, 23, 25~~  
~~607: 2, 9, 23, 25~~  
~~665: 2, 47, 23~~  
~~666: 2, 47, 25~~  
0: 35 - Permanent Vegetative Cover  
00: Any combination of practices that reduces erosion rates  
to the STC's acceptable level

ALTERNATIVE CONSERVATION SYSTEMS  
FOR  
FOOD SECURITY ACT PLANNING

HAWAII  
Section III  
FOTG  
2/89

Field Office: KAMUELA - SUGAR CANE

Treatment Unit: S6 - 30CN01, >20% Complex Slopes Without Outlet  
Soils: HoE, HsE, KaE, KuE, OoE, PaE  
LcD, LhD, LhE2, MaE3, MgE2, MhE, NcE2, PnD, PnE, PwD

ACS #: Practice and Combination Codes

15: 1, 53  
54: 1, 21, 22, 23, 25  
~~63: 2, 21, 23, 25~~  
~~65: 2, 21, 23, 25~~  
89: 8, 21, 22, 23, 25  
101: 9, 21, 22, 23, 25  
173: 1, 17, 21, 22, 23, 25  
185: 1, 18, 21, 22, 23, 25  
255: 1, 55, 21, 23, 25  
268: 1, 56, 21, 22, 25  
~~466: 2, 56, 23, 25~~  
~~469: 2, 56, 23, 25~~  
0: 35 - Permanent Vegetative Cover  
00: Any combination of practices that reduces erosion rates  
to the STC's acceptable level