

CG 46 CODE YC-11-A PKG.
 → OCT-23 80 37589
 EST. WGT. 2238 LBS.
 STD. HRS. TIME 378 M

c.v. 105, 106

D.V. 300, 315, 317, 322, 323

PROCESSES		APPROVED BY	
(D) YC-11-A	()	EWK	9-27-77
() ALTERNATE	()	BBK	10-17-77
()	()	DCG	11-29-77
()	()	MTW	12-1-77
TYPED BY			
JIC 12-8-77			

**CLEAN UP
AS YOU GO ALONG**

LEAVE ONE STUMP ONLY

NON-BLEEDING

PMENT	NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
Rep 1	1 Obtain for S 6		157-C	
	2 Obtain for S 22		46-C	
	3 Clean, dress, close 24" clarif press - 15 frames EAST			
IV 2	4 Run 10" (323 G) water into V- 300			
	5 Weigh in from V-324 M 7, 32.60 %	1405	28-D	458
	6 Dump & rinse in drums from S 1		157-C	974
	LOT # 100% %			
	2.54 88 43.8 200			
	2.54 89 44.4 200			
	2.55 114 56.8 200			
	2.54 90 45.0 200			
	2.83 126 72.0 175			
	2.83 127 72.8 175			
	2.54 92 46.8 200			
	2.54 92 46.0 200			
	2.53 117 58.7 200			
	2.53 89 60.1 65			
	7 Stir 10 min or longer to wet	141330		
	8 Adj to 33" (1155 G) at 28-32°F	101-230	57-A	4620
	9 Siphon in in 12-15 min M 12, 33.16 %	1267	725-A	420
	10 Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
	Record: Time Start 4:00 - CR + (+), KI + (+)			
	Note:			
	(1) If CR -, KI -, add 20# "as is" increments Assume 32%		28-D	
	Record: CR (+), KI (+)			
	(2) If CR +, KI -, add 20# "as is" increments Assume 33%			
	Record: CR (+), KI (+)			
isc 3	11 Slurry in 40 gal water in drum & precoat clarif press with	5	777-A	5
V 4	12 When S 10 stir complete, dump in	15	113-A	15
	13 Dump in	10	777-A	10
	14 Stir 30 min at 28-32°F maintaining + CR, + KI for S 20		57-A	
	Record: Time Start 4:20 - CR + (+), KI + (+)			
	Note:			
	(1) If CR -, KI -, add 20# "as is" increments Assume 32%		28-A	
	Record: CR (+), KI (+)			
	(2) If CR +, KI -, add 20# "as is" increments Assume 33%		725-A	
	Record: CR (+), KI (+)			

N35216

EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt. EST. WGT. 2238 LBS.	USE LBS.	N CODE	AC L
CV 5	15	Run 10" (970 G) water into V-106 & install temp chart			466
	16	Pour in M _____ %	466	721-D	466
	17	Adj to 40" (3904 G) at 66-70°F	3 x 330	57-A	
	18	Close stack damper			
	19	Stir for S 22			
DV 6	20	When 14 stir complete, test DV & Record: CR + (+), KI + (+), Temp: 30 (28-32°F)		57-A	
		Note:			
		(1) If CR-, KI-, add 20# "as is" increments Assume 32%		28-A	
		Record: CR (+), KI (+)			
		(2) If CR+, KI-, add 20# "as is" increments Assume 33%		725-A	
		Record: CR (+), KI (+)			
	21	Pump DV thru clarif press into V-34 maintaining temp at 28-32°F Record: Time Start 6:01 PM Total Min 75	2 x 330	57-A	166
CV 7	22	Dump into CV from S 2 LOT # 100% %		46-C	1265
		Note: Break up lumps 01290 1265 960	1318		1265
	23	Stir 10 min to dissolve			
	24	Open stack damper			
	25	Run in undersurface in 20-25 min M 11, 76.63 %	130	30-D	713
	26	Stir 5 min & Record: pH 5.5 (5.8-6.3)			
	27	If necessary, adj to pH 5.8-6.3 & Record: pH 6.2 (5.8-6.3)	12	721-D	12
		Assume 50%		30-D	
		Assume 77%			
DV 8	28	When S 21 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -CR test on a sample of total press effluent whichever comes first. Collect washings in DV (S 21) Record: Time Start 2:15 PM, CR 03+ (- or +)			
	29	Stir 5 min & Record: Temp 31 (28-32°F) & if necessary, adj to 28-32°F. Record: 31 °F		57-A	
	30	Weigh in rubber bucket & wash into DV	30	395-D	10
	31	Stir 5 min & Record: KI 2 (-)			
	32	If necessary, adj to KI & Record: KI 2 (-)			
	33	Record: DV "			
Misc 9	34	Weigh in drums for S 41 M 11.4K	296	721-D	296
	35	Dissolve in 20 gal water in drum for S 43	62	979-A	62
CV 10	36	When S 33 complete, adj CV to 48" (4685 G) at 80-84°F			
	37	Check accuracy: HT 82 °F & Recorder 81 °F			
	38	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F Record: Time Start 1:15 PM Total Min 70			
	39	When S 38 complete, stir 10 min			

EQUIPMENT	PAGE	CC	46	CODE (D)	YC-11-A	Alt. EST. WGT.	2238	LBS.	USE LBS.	N CODE	A L
CV 10 Cont'd	40	Record:	Diazo	(-)	Base	10.5 (+)	pH	9.0 (4.3-4.7)			
		Note:									
		(1)	If Diazo +, Base -, and pH below 4.3:								
		(a)	adj to pH 4.3-4.7				Assume 50%			721-D	
		(b)	Record: pH								
		(2)	If Diazo +, Base -, and pH 4.3 or above:								
		(a)	add 8# 100% N-7-D to a 55 G drum							721-D	
		(b)	adj with water to ± 25 G								
		(c)	add 20# 100% N-46-C							46-C	
		(d)	stir to dissolve								
		(e)	pour into CV								
		(f)	stir 10 min								
		(3)	Repeat (1) & (2) above as necessary to - Diazo, + Base								
	41	Pour in N-7-D from S 34 & stir 5 min									
	42	Record: pH	6.2 (8.0-8.5) & if necessary				Assume 50%			721-D	30
		adj to pH 8.0-8.5. Record: pH	8.4				Assume 32%			28-D	32
	43	Dump in N-979-A from S 35									
	44	Heat to 200-204°F in 58-62 min									
	45	Stir 30 min at 200-204°F. Record: Time Start									
	46	Flood to 94" (9174 G) & stop agitator									
	47	RECORD: TEMP	175°F								
		START		FIN		OPTR					
		10:45 AM		3:00 PM		237					
		3:00 PM		11:00 PM		342					
		11 P		12:10 A		120					

