

C.V.

105, 106

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

CG 46 CODE YC-11-A PKG.
 → MAY -0-81- 1523
 EST. WGT. 2238 LBS.
 STD. HRS. TIME M

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			

2 25

NON-BLEEDING

U/PMENT	NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
Prep	1 Obtain for S 6		157-C	
	2 Obtain for S 22		46-C	
	3 Clean, dress, close 24" clarif press - 15 frames EAST			
DV	4 Run 10" (323 G) water into V- 300			
2	5 Weigh in from V-324 M 2, 32.00 %	1431	28-D	458
	6 Dump & rinse in drums from S 1		157-C	974
	LOT # 100% %			
	292 104 59.6	175		
	298 133 70.2	175		
	308 125 71.2	175		
	299 143 81.8	175		
	298 130 68.6	175		
	299 142 81.4	175		
	299 141 80.6	175		
	294 66 48.4	136		
	7 Stir 10 min or longer to wet			
	8 Add to 33" (1155 G) at 28-32°F	1510 x 330	57-A	4950
	9 Siphon in in 12-15 min M 7, 32.93 %		725-A	305
	10 Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			395
	Record: Time Start 12:05 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 (+)			
Misc	11 Slurry in 40 gal water in drum & precoat clarif press with	5	777-A	5
3	12 When S 10 stir complete, dump in	15	113-A	15
DV	13 Dump in	10	777-A	10
4	14 Stir 30 min at 28-32°F maintaining + CR, + KI for S 20		57-A	
	Record: Time Start 12:40 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 (+)			

(JIC)

EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt EST. WGT. 2238 LBS.	USE LBS.	N CODE
CV 5	15	Run 10" (970 G) water into V-105 & install temp chart		
	16	Pour in M 7, 50.00 %		7-D
	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: 22 (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 (+)		
CV 7	21	Pump DV thru clarif press into V-31 maintaining temp at 28-32°F Record: Time Start 1:10 Total Min 75	2 x 330	57-A
	22	Dump into CV from S 2 LOT # 100% %		46-C
		Note: Break up lumps		
	23	Stir 10 min to dissolve		
	24	Open stack damper		
DV 8	25	Run in undersurface in 20.25 min M 7, 50.00 %		30-D
	26	Stir 5 min & Record: pH 5.8-6.3		
	27	If necessary, adj to pH 5.8-6.3 & Record: pH 5.8-6.3	Assume 50% Assume 77%	7-D 30-D
	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 2:20, CR (- or +)		
	29	Stir 5 min & Record: Temp 22 (28-32°F) & if necessary, adj to 28-32°F. Record: °F		57-A
Misc 9	30	Weigh in rubber bucket & wash into DV	10	395-D
	31	Stir 5 min & Record: KI (-)		
	32	If necessary, adj to -KI & Record: KI (-)		395-D
	33	Record: DV 1 (MUST BE - KI)		
	34	Weigh in drums for S 41 M 7, 50.00 %		7-D
CV 10	35	Dissolve in 20 gal water in drum for S 43	72	979-A
	36	When S 33 complete, adj CV to 48" (4685 G) at 80-84°F		
	37	Check accuracy: HT °F & Recorder °F		
	38	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F		
	39	Record: Time Start Total Min. Immediately by demo Transfer line at 10:00		

EQUIPMENT	PAGE <u>3</u> CG <u>46</u> CODE (D)YC-11-A Alt. EST. WGT. <u>2238</u> LBS.	USE LBS.	N CODE	ACCT LBS.
CV 10 Cont'd	40 Record: Diazo - (-), Base + (+), pH <u>4.2</u> (4.3-4.7) Note: (1) If Diazo +, Base -, and pH below 4.3: (a) adj to pH 4.3-4.7 Assume 50% (b) Record: pH 7-D (2) If Diazo +, Base -, and pH 4.3 or above: (a) add 8# 100% N-7-D to a 55 G drum 7-D (b) adj with water to $\pm$ 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 <u>6.3</u> (8.0-8.5) & if necessary Assume 50% adj to pH 8.0-8.5. Record: pH <u>8.5</u> Assume 32% 24 7-D 12 28-D 43 Dump in N-979-A from S 35 44 Heat to 200-204°F in 58-62 min 45 Stir <u>100</u> min at 200-204°F. Record: Time Start <u>6:30 A.M.</u> 46 Flood to 94" (9174 G) & stop agitator			
	START FIN OPTR <u>8:45 PM</u> <u>11 PM</u> <u>223</u> <u>11 PM</u> <u>7:10 PM</u> <u>54</u> <u>7:00 AM</u> <u>8:46 AM</u> <u>320</u>			

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105

CG 46 CODE YC-11-A PKG. _____
 → MAY -0-81-31523
 EST. WGT. 2238 LBS.

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PROCESSING INSTRUCTIONS: BATCH UNIT

PROCESSES	APPROVED BY
(D) YC-11-A	EWK 9-28-76
	BBK 10-17-77
	DCG 11-29-77
TYPED BY	
JIC 12-8-77	

MAKING NOTES

REMARKS

NAME: DALAMAR® YELLOW

BLEEDING

INSTRUCTIONS				-PRESSING-	RECORD				
VAT				PRESSLOAD	1ST	2ND	3RD	4TH	5TH
DATE				STARTED	10 AM				
TIME				CAKES USED	60				
RELEASED BY				WATER ON	1 PM				
PRESS	32	33	35	HRS. WASHED	4				
NO. OF CAKES	60	62	60	OHMS	167				
PRESS	WITHOUT AGITATION			HRS. WASHED					
WASH TO	4000	OHMS WITH 35-75°F WATER		OHMS					
TEST AFTER	4	HOURS		HRS. WASHED					
LOAD	IN METAL DRUMS AT 325# NET PER DRUM				OHMS				
AIR BLOW PRESSCAKE 15 MIN AT 40PSI				CAKE CONDITION					
				NO. CARS LOADED					
				EXPLAIN LOSSES					
SAMPLES THIEF SAMPLE & FILL 1-2oz. jar				SAMPLED BY	1199	RELEASED BY	725		
DELIVER TO CTL for color									

-DRYING-

DRY	HOURS AT	°F	LUMP:	OK	WET	SALTS	CONTAMINATED
DO NOT DRY							
			ADDITIONAL DRYING HOURS REQUIRED				
			NO. DRUMS				
SAMPLES			NO. CARS PULLED		LUMP WGT.		
DELIVER TO			SAMPLED BY		RELEASED BY		

-GRINDING-

MILL	SCREEN	RPM	SCREEN	RPM
MAX. TEMP.	°F		MAX. TEMP.	°F
			EXPLAIN LOSSES	
SAMPLE AFTER / WITHOUT MIXING			DATE MIXED	
SAMPLES				
DELIVER TO CTL			SAMPLED BY	
			RELEASED BY	

