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Empowerment of Salt Farmers Through Improving Production Technology

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“EMPOWERMENT OF SALT FARMERS THROUGH IMPROVING PRODUCTION TECHNOLOGY”

Team: Endang Yektiningsih, M. Cahyo Kriswantoro, Yusron Rizal Abdillah, Sri Oetami Madyowati, Sugiarto.

BACKGROUND:

Most salt farmers in Indonesia still use traditional production technology. Therefore, the resulting production is low, dirty (mixed with soil), and the production time is long.

THE AIM:

Empowering salt farmers by using better production technology

METHOD:



1. Using Geomembrane Technology



2. Using On-Off Manual Technology



3. Using On-Off Automatic

THE RESULT:

Using Geomembrane Technology

Description	Traditional Technology	Geomembrane Technology
Salt production	About 60 quintal per production	About 1 ton per production
Production period	About 40 days	About 30-35 days
The size of a salt pond	4 x 40 meter	4 x 40 meter
Production quality	Small salt crystal size, not homogeneous, less white color	The size of salt crystals is larger and more homogeneous

Using On-Off Manual Technology

Description	Geomembrane Technology	On-Off Technology
Salt production	1-2 ton per production	About 3 ton per production
Production period	About 10 days	About 8-10 days
The size of a salt pond	4 x 40 meter	4 x 40 meter
Production quality	Salt crystal size less homogeneous	Salt crystal size more homogeneous

Using On-Off Automatic Technology

Description	On-Off Manual Technology	On-Off Automatic Technology
Salt production	2-3 tons per production	About 3 tons per production
Production period	About 10 days	About 8-10 days
The size of a salt pond	4 x 40 meter	4 x 40 meter
Production quality	Salt crystal size homogeneous	Salt crystal size homogeneous

CONCLUSIONS:

Improved technology can increase the quantity and quality of salt production, so that salt farmers become more empowered

